



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

AUG 21 2018

D350-764-011
Job Sheet 182249



Part No: D350-764-011

Job Qty: 1 ea

Part Name: Rear Seat Shoulder Harness



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 8/21/18

Job Tracking No:

Due Date: 9/14/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV B IPP REV:A New issue 07-10-11 DD verified by EC IPP Rev:B ECN 1050 rev.B as per dwg 08-01-10 DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	9/14/18	9/14/18	0.00	0.00	Start Up Stores/Pkg-1		AUG 29 2018
110	Packaging	1 pcs	9/14/18	9/14/18	0.00	0.00	Packaging1-3		SEP 14 2018
120	QC	1 pcs	9/14/18	9/14/18	0.00	0.00	QC4		SEP 14 2018
130	Packaging	1 pcs	9/14/18	9/14/18	0.00	0.00	Packaging3-1		SEP 14 2018
135	DC	1 pcs	9/14/18	9/14/18	0.00	0.00	DC		SEP 14 2018
140	QC21-FG	1 Ea	9/14/18	9/14/18	0.00	0.00	QC21		SEP 14 2018

Part Op 130 - Identify and pack for shipping as per PPP D350-764-011 Location:FG029
Descriptions: 135 - Photocopy bluefile & type labels per PPP D350-764-011 CHG002

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
ALS4-1032-130	Rivnut	16 Ea (16 ea)	90-Start up Operation	5007279
AN3-3A	Bolt	32 Ea (32 ea)	90-Start up Operation	5056462
AN3-6A	Bolt	16 Ea (16 ea)	90-Start up Operation	5048402
AN4-10A	Bolt	4 Ea (4 ea)	90-Start up Operation	FM137412-0
AN970-6	Washer	4 Ea (4 ea)	90-Start up Operation	5082332
CCR264SS3-3	Cherry Rivet	16 Ea (16 ea)	90-Start up Operation	5082912
CR3212-4-2	Cherry Rivet	4 Ea (4 ea)	90-Start up Operation	5000546
CR3212-5-04	Rivet	4 Ea (4 ea)	90-Start up Operation	FM135274-3
CR3212-5-07	Rivet	4 Ea (4 ea)	90-Start up Operation	FM128429
D2854 4x 8"	3/4" Velcro Strip	2.6660 ft (2.666 ea)	90-Start up Operation	5006127
D3578-041	Doubler	16 Ea (16 ea)	90-Start up Operation	5101467x6.5060229x2
D3636-041	Shoulder Harness	4 Ea (4 ea)	90-Start up Operation	5084089
D3637-041	Bracket Assembly	4 Ea (4 ea)	90-Start up Operation	5091262
D3637-3	Bracket	4 Ea (4 ea)	90-Start up Operation	5060507
D3638-1	Bushing	4 Ea (4 ea)	90-Start up Operation	5110019
D3639-1	Doubler	1 Ea (1 ea)	90-Start up Operation	5088965
D3639-2	Doubler	1 Ea (1 ea)	90-Start up Operation	5069966
D3639-3	Doubler	1 Ea (1 ea)	90-Start up Operation	5054005
D3639-4	Doubler	1 Ea (1 ea)	90-Start up Operation	5045342
D3640-1	Belt Guide	2 Ea (2 ea)	90-Start up Operation	5100524
D3640-3	Belt Guide	2 Ea (2 ea)	90-Start up Operation	5100188
D3641-1	Cover	2 Ea (2 ea)	90-Start up Operation	5104767

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval																	
Description Work Order Deviation			Disposition																		
Container No: S106590 Part: D350-764-011 Job No: 182249 Serial No/Batch: S106590 Revision: _____ Inspector: _____ Exp Date: _____ Instructions: FAA STC SR00211SE 15/04/2016 STC SH95-			Completed By																		
			Lead hand / Supervisor Approval Verification																		
			QC / QA Coordinator Approval																		
Root Cause		CATEGORY																			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/W ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																
OTHER : _____																					

D3641-3	Cover	1 Ea (1 ea)	90-Start up Operation	509483
D3641-4	Cover RH	1 Ea (1 ea)	90-Start up Operation	5038664
D3642-1	Doubler	2 Ea (2 ea)	90-Start up Operation	5088981
D3643-1	Stiffener	1 Ea (1 ea)	90-Start up Operation	5038878
D3643-2	Stiffener	1 Ea (1 ea)	90-Start up Operation	5094748
D3644-1	Shim	2 Ea (2 ea)	90-Start up Operation	5088961
D3657-1	Guide Tool	1 Ea (1 ea)	90-Start up Operation	7150614
MS20426AD3-3	Rivet	32 Ea (32 ea)	90-Start up Operation	5018535-1
MS20426AD4-4	Rivet	106 Ea (106 ea)	90-Start up Operation	74132536
MS20426AD4-6	Rivet	28 Ea (28 ea)	90-Start up Operation	74138621
MS20470AD4-6	Rivet, Universal Head	8 Ea (8 ea)	90-Start up Operation	5048899
MS21059L3	Nut Plate	16 Ea (16 ea)	90-Start up Operation	5071352
MS21072-L3	Nut Plate	8 Ea (8 ea)	90-Start up Operation	5058183
MS35206-267	Screw	8 Ea (8 ea)	90-Start up Operation	5092514
NAS1149D0363J	Washer	48 Ea (48 ea)	90-Start up Operation	5068661
NAS1149D0963J	Washer	4 Ea (4 ea)	90-Start up Operation	5056386

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	ALS4-1032-130	16	12,589	0
	AN3-3A	32	472	0
	AN3-6A	16	42	0
	AN4-10A	4	121	0
	AN970-6	4	304	0
	CCR264SS3-3	16	316	0
	CR3212-4-2	4	119	0
	CR3212-5-04	4	54	0
	CR3212-5-07	4	45	0
	D2854	3	164	0
	D3578-041	16	94	0
	D3636-041	4	9	0
	D3637-041	4	19	0
	D3637-3	4	9	0
	D3638-1	4	2	0
	D3639-1	1	8	0
	D3639-2	1	19	0
	D3639-3	1	14	0
	D3639-4	1	14	0
	D3640-1	2	11	0
	D3640-3	2	11	0
	D3641-1	2	2	0
	D3641-3	1	13	0
	D3641-4	1	14	0
	D3642-1	2	7	0
	D3643-1	1	11	0
	D3643-2	1	12	0
	D3644-1	2	6	0
	D3657-1	1	8	0
	MS20426AD3-3	32	3,689	0
	MS20426AD4-4	106	470	0
	MS20426AD4-6	28	1,994	0
	MS20470AD4-6	8	1,031	0
	MS21059L3	16	308	0
	MS21072-L3	8	67	0
	MS35206-267	8	99	0
	NAS1149D0363J	48	1,835	0
	NAS1149D0963J	4	500	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER : _____			
Misidentified	☐	Past Due	☐				

5.0 PARTS LISTS

QTY -011	Dart Part Number	Geneva Part Number	Description
X	D350-764-011	P131	Shoulder Harness Kit
4	D2854-1-080	N/A	VELCRO STRIP
4	D2854-3-080	N/A	VELCRO STRIP
16	D3578-041	N/A	DOUBLER
4	D3636-041	N/A	SHOULDER HARNESS
4	*D3636-11	G10601-2	SHOULDER BELT
4	*D3636-13	G10601-4	LAP BELT
4	D3637-041	G10602-1	BRACKET ASSEMBLY
4	D3637-3	G10609-1	BACKER PLATE
4	D3638-1	G10608-2	BUSHING
1	D3639-1	G10604-3	DOUBLER
1	D3639-2	G10604-6	DOUBLER
1	D3639-3	G10604-4	DOUBLER
1	D3639-4	G10604-5	DOUBLER
2	D3640-1	G10605-1	BELT GUIDE
2	D3640-3	G10605-2	BELT GUIDE
2	D3641-1	G10606-3/-6	COVER
1	D3641-3	G10606-5	COVER
1	D3641-4	G10606-4	COVER
2	D3642-1	G10607-1/-2	DOUBLER
1	D3643-1	G10610-2	STIFFENER
1	D3643-2	G10610-1	STIFFENER
2	D3644-1	G10610-3	SHIM
1	D3657-1	G12170	GUIDE TOOL
16	ALS4-1032-130	N/A	INSERT
32	AN3-3A	N/A	BOLT
16	AN3-6A	N/A	BOLT
4	AN4-10A	N/A	BOLT
48	AN960JD10	N/A	WASHER
4	AN960JD916	N/A	WASHER
4	AN970-6	N/A	WASHER
16	CCR264SS-3-03	N/A	RIVET
4	CR3212-4-02	N/A	RIVET
4	CR3212-5-04	N/A	RIVET
4	CR3212-5-07	N/A	RIVET
32	MS20426AD3-3	N/A	RIVET
106	MS20426AD4-4	N/A	RIVET
28	MS20426AD4-6	N/A	RIVET
8	MS20470AD4-6	N/A	RIVET
16	MS21059L3	N/A	NUTPLATE (OR MS21059-3)
8	MS21072L3	N/A	NUTPLATE (OR MS21072-3)
8	MS35206-267	N/A	SCREW

*Included with D3636-041

REFERENCE ONLY